

DOCKET NO.: UPAP-0350

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy
MAHALINGAM; Velpandi AYYAVOO; Mamata
PATEL; Thomas KIEBER-EMMONS; David B.
WEINER

International Patent

Application No. PCT/US98/16890

International Filing Date: 14 August 1998

Serial No. 09/485421

For: FUNCTIONAL FRAGMENTS OF HIV-
1 VPR PROTEIN AND METHODS OF
USING THE SAME

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on August 14, 1998 in the PCT/US/RO under
International Serial No. PCT/US98/16890 .

☐ said application having been amended on _____ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
---------------------------------	---------	---------------	------------



I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u>60/055,754</u>	<u>14 August 1997</u>
_____	_____

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Mark DeLuca Reg. No. 33,229

Paul K. Legaard Reg. No. 38,534

Address all telephone calls and correspondence to:

Mark DeLuca / Paul K. Legaard
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: **(215) 568-3100**
Facsimile No.: **(215) 568-3439**


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Sundarasamy MAHALINGAM	
Mailing Address: Apartment #113 Valley Ridge Apartments Golden Crest Circle Birmingham AL 35209 USA	Signature Date of Signature: _____
City/State of Actual Residence: Birmingham, Alabama	Citizenship: <u>India</u>

DOCKET NO.: UPAP-0350

- 4 -

Name: Velpandi AYYAVOO	
Mailing Address: 3410 Stonelcliffe Drive Monroeville, PA 15146 USA	Signature
City/State of Actual Residence: Monroeville, Pennsylvania	Date of Signature: _____
	Citizenship: <u>India</u>

Name: Mamata PATEL	
Mailing Address: 89 Monroe Street, Apartment 4 Hoboken, NJ 07030	 Signature
City/State of Actual Residence: Hoboken, New Jersey	Date of Signature: <u>10/1/00</u>
	Citizenship: <u>UNITED STATES</u>

Name: Thomas KIEBER-EMMONS	
Mailing Address: 3231 Sawmill Road Newtown Square, PA 19073 USA	Signature
City/State of Actual Residence: Newtown Square, Pennsylvania	Date of Signature: _____
	Citizenship: <u>United States</u>

Name: David B. WEINER	
Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA	Signature
City/State of Actual Residence: Merion Station, Pennsylvania	Date of Signature: _____
	Citizenship: <u>United States</u>

DOCKET NO.: UPAP-0350

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy
MAHALINGAM; Velpandi AYYAVOO; Mamata
PATEL; Thomas KIEBER-EMMONS; David B.
WEINER

International Patent

Application No. PCT/US98/16890

International Filing Date: 14 August 1998

Serial No. 09/485421

For: FUNCTIONAL FRAGMENTS OF HIV-
1 VPR PROTEIN AND METHODS OF
USING THE SAME

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on August 14, 1998 in the PCT/US/RO under
International Serial No. PCT/US98/16890 .

☐ said application having been amended on _____ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
---------------------------------	---------	---------------	------------



I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u>60/055,754</u>	<u>14 August 1997</u>
_____	_____

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Mark DeLuca Reg. No. 33,229

Paul K. Legaard Reg. No. 38,534

Address all telephone calls and correspondence to:

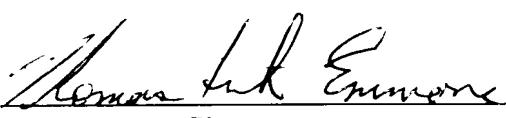
Mark DeLuca / Paul K. Legaard
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: **(215) 568-3100**
Facsimile No.: **(215) 568-3439**

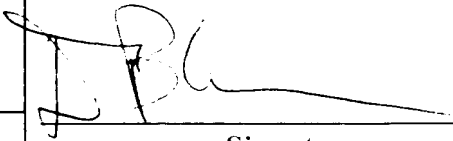
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Sundarasamy MAHALINGAM	
Mailing Address: Apartment #113 Valley Ridge Apartments Golden Crest Circle Birmingham AL 35209 USA	Signature Date of Signature: _____
City/State of Actual Residence: Birmingham, Alabama	Citizenship: <u>India</u>

Name: Velpandi AYYAVOO	
Mailing Address: 3410 Stonecliffe Drive Monroeville, PA 15146 USA	Signature _____
City/State of Actual Residence: Monroeville, Pennsylvania	Date of Signature: _____
	Citizenship: <u>India</u>

Name: Mamata PATEL	
Mailing Address:	Signature _____
City/State of Actual Residence:	Date of Signature: _____
	Citizenship: _____

Name: Thomas KIEBER-EMMONS	
Mailing Address: 3231 Sawmill Road Newtown Square, PA 19073 USA	 Signature _____
City/State of Actual Residence: Newtown Square, Pennsylvania	Date of Signature: <u>09/21/00</u>
	Citizenship: <u>United States</u>

Name: David B. WEINER	
Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA	Signature
City/State of Actual Residence: Merion Station, Pennsylvania	Date of Signature: 9/15/2000
	Citizenship: United States

DOCKET NO.: UPAP-0350

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy
MAHALINGAM; Velpandi AYYAVOO; Mamata
PATEL; Thomas KIEBER-EMMONS; David B.
WEINER

International Patent

Application No. PCT/US98/16890

International Filing Date: 14 August 1998

Serial No. 09/485421

For: FUNCTIONAL FRAGMENTS OF HIV-
1 VPR PROTEIN AND METHODS OF
USING THE SAME

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on August 14, 1998 in the PCT/US/RO under
International Serial No. PCT/US98/16890 .

☐ said application having been amended on _____ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
---------------------------------	---------	---------------	------------



I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u>60/055,754</u>	<u>14 August 1997</u>
_____	_____

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Mark DeLuca Reg. No. 33,229

Paul K. Legaard Reg. No. 38,534

Address all telephone calls and correspondence to:

Mark DeLuca / Paul K. Legaard
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: **(215) 568-3100**
Facsimile No.: **(215) 568-3439**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Sundarasamy MAHALINGAM	
Mailing Address: Apartment #113 Valley Ridge Apartments Golden Crest Circle Birmingham AL 35209 USA	Signature Date of Signature: _____
City/State of Actual Residence: Birmingham, Alabama	Citizenship: <u>India</u>

Name: Velpandi AYYAVOO	
Mailing Address: 3410 Stonecliffe Drive Monroeville, PA 15146 USA	Signature
City/State of Actual Residence: Monroeville, Pennsylvania	Date of Signature: _____
	Citizenship: <u>India</u>

Name: Mamata PATEL	
Mailing Address:	Signature
City/State of Actual Residence:	Date of Signature: _____
	Citizenship: _____

Name: Thomas KIEBER-EMMONS	
Mailing Address: 3231 Sawmill Road Newtown Square, PA 19073 USA	Signature
City/State of Actual Residence: Newtown Square, Pennsylvania	Date of Signature: _____
	Citizenship: <u>United States</u>

Name: David B. WEINER	
Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA	Signature
City/State of Actual Residence: Merion Station, Pennsylvania	Date of Signature: _____
	Citizenship: <u>United States</u>

DOCKET NO. UPAP-0350

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Sundarasamy MAHALINGAM, et al.

Serial No.: 09/485,421

Group Art Unit: not yet known

International Appln. No.: PCT/US98/16890

Examiner: not yet assigned

International Filing Date: 14 August 1998

For: FUNCTIONAL FRAGMENTS OF HIV-1
VPR PROTEIN AND METHODS OF
USING THE SAME

Assistant Commissioner for Patents
Washington DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania
19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Robert B. Washburn	Registration No. 16,574	David A. Cherry	Registration No. 35,099
Richard E. Kurtz	Registration No. 19,263	Terence P. Strobaugh	Registration No. 25,460
John J. Mackiewicz	Registration No. 19,709	Lynn A. Malinoski	Registration No. 38,788
Norman L. Norris	Registration No. 24,196	Michael J. Swope	Registration No. 38,041
Dale M. Heist	Registration No. 28,425	Michael J. Bonella	Registration No. 41,628
John W. Caldwell	Registration No. 28,937	Harold H. Fullmer	Registration No. 42,560
Gary H. Levin	Registration No. 28,734	William R. Richter	Registration No. 43,879
Steven J. Rocci	Registration No. 30,489	John E. McGlynn	Registration No. 42,863
Dianne B. Elderkin	Registration No. 28,598	Kimberly R. Hild	Registration No. 39,224
John P. Donohue, Jr.	Registration No. 29,916	Jonathan M. Waldman	Registration No. 40,861
Henrik D. Parker	Registration No. 31,863	Chad Ziegler	Registration No. 44,273
Suzanne E. Miller	Registration No. 32,279	Gwilym J.O. Attwell	Registration No. 45,449
Lynn B. Morreale	Registration No. 32,842	David N. Farsiou	Registration No. 44,104
Joseph Lucci	Registration No. 33,307	Paul K. Legaard	Registration No. 38,534
Michael P. Dunnam	Registration No. 32,611	Maureen S. Gibbons	Registration No. 44,121
Michael D. Stein	Registration No. 34,734	Steven H. Meyer	Registration No. 37,189
Albert J. Marcellino	Registration No. 34,664	Paul B. Milcetic	Registration No. P46,261
David R. Bailey	Registration No. 35,057	Joseph R. Condo	Registration No. 42,431
Doreen Yatko Trujillo	Registration No. 35,719	Michael K. Jones	Registration No. 41,100
Barbara L. Mullin	Registration No. 38,250	Frank T. Carroll	Registration No. 42,392
Kevin M. Flannery	Registration No. 35,871	Hans J. Crosby	Registration No. 44,634
Michael P. Straher	Registration No. 38,325	Mark J. Rosen	Registration No. 39,822

Mitchell R. Brustein Registration No. 38,394
Eric H. Vance Registration No. P47,151
Peter M. Ullman Registration No. 43,963
Thomas E. Watson Registration No. 43,243
Richard B. LeBlanc Registration No. 39,495
Joseph D. Rossi Registration No. 47,039
George J. Awad Registration No. P46,528
Steven D. Maslowski Registration No. P46,905
S. Maurice Valla Registration No. 43,966
Vincent J. Roccia Registration No. 43,887
Robin S. Quartin Registration No. 45,028
Maria M. Kourtakis Registration No. 41,126

Christine A. Goddard Registration No. P46,731
Gregory L. Hillyer Registration No. 44,154
Patrick J. Farley Registration No. 42,524
Ellen M. Klann Registration No. 44,836
Steven B. Samuels Registration No. 37,711
Susan C. Murphy Registration No. 46,221

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date:

Mark DeLuca
Registration No. 33,229

Woodcock Washburn Kurtz
Mackiewicz & Norris LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

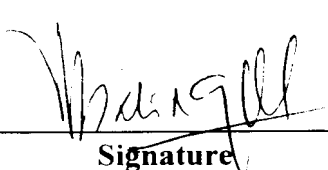
Mark DeLuca Reg. No. 33,229

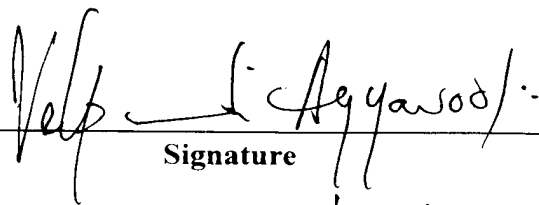
Paul K. Legaard Reg. No. 38,534

Address all telephone calls and correspondence to:

Mark DeLuca / Paul K. Legaard
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: (215) 568-3100
Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Sundarasamy MAHALINGAM	 Signature
Mailing Address: Apartment #113 Valley Ridge Apartments Golden Crest Circle Birmingham AL 35209 USA	Date of Signature: 9/29/00
City/State of Actual Residence: Birmingham, Alabama	Citizenship: India

Name: Velpandi AYYAVOO	 Signature Date of Signature: 9/15/00 Citizenship: India
Mailing Address: 3410 Stonecliffe Drive Monroeville, PA 15146 USA	
City/State of Actual Residence: Monroeville, Pennsylvania	

Name: Mamata PATEL	 Signature Date of Signature: _____ Citizenship: _____
Mailing Address:	
City/State of Actual Residence:	

Name: Thomas KIEBER-EMMONS	 Signature Date of Signature: _____ Citizenship: United States
Mailing Address: 3231 Sawmill Road Newtown Square, PA 19073 USA	
City/State of Actual Residence: Newtown Square, Pennsylvania	

Name: David B. WEINER	
Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA	Signature _____
City/State of Actual Residence: Merion Station, Pennsylvania	Date of Signature: _____
	Citizenship: <u>United States</u>